

No. 6.

From. D. 5304 to

D-5345

507

U.S.S. Albatross.



Next Dr = Δ. 5305.

" Hy = H. 4915.

Dredge } No. 5304 Date, Aug 9, 190

Hydrog. } Reel Shot Lead } lb

Sdg. Mech. No. 2 Cor'n Depth 34 fm *chart

Turns 2 Cor'n Amt. Bot'm Sample about 1 ton

Sdg. Cup J Character of Bottom Sh. M.

Thermom. { Make Cor'n { Instr.
No. Cor'n { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 84° Time 7:05 } Air { 85½°
84° Time 9:28 } Air { 84°

Density: Surf. fms.

Wind: Direction N. W. Force 3

Baromet. 29.84 Amt. of Clouds 3 State of Sea

Weather See

Direction and Force of Current. { Surface
Bottom

Tide

General Locality China Seas

Position 21° 46' 00" N - 114° 47' 00" E

Chart used: No. 798 H. O. Ed'n

Drift: Direction ? Distance ?

Depth of Haul bottom

Apparatus and Rig used 12' Agassiz R., 3 glo

floats, 2 wing weights, 1 tail weight

Time towing h. 2 1/2

Remarks:

Deck Officer Mr Cassidy Recorder C. P. DeLong
11-1024

SOUNDING WIRE.

<u>Q</u> M. DOWN.	UP.	<u>Q</u> M.
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FMS.

DREDGING CABLE.

<u>Q</u> M. DOWN.	UP.	<u>Q</u> M.
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0

9 02 30 9 30 45

100

9 06 10 9 26 26

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. D 77 5305. Date, Oct. 24, 1908
Hydrog. }

Sdg. Mch. No 52g. Reel Shot }
Turns - Cor'n - Depth 37 fms. x

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Sft. gy. It in not ↗

Thermom. { Make Instr. -
{ No. Stem. -

Bottom Reading - Cor'd Temp. -

Temp. Surf. { 78° Time 8:00 a.m. } Air { 79°
{ 78° Time 8:27 p.m. } 79°

Density: Surf. not taken fms. -

Wind: Direction East Force 3

Baromet. 30.01 Amt. of Clouds / State of Sea S

Weather haw.

Direction and Force of Current { Surface.
{ Bottom.

Tide

General Locality China Sea.

Position ~~21° 54' N~~ - 114° 46' 00" E.

Chart used: No. 798 Ed'n -

Drift: Direction - Distance -

Depth of Haul Bottom

Apparatus and Rig used 12' Tanner, 2 runner
weights and 1 tailweight, 2 float floats.

Time towing - h. 20 m.

x) Remarks: No sounding was taken. Depth calculated by angle of wire when dredge reached bottom. - 120 fms.
wire ant; 30 min.

Deck Officer Mr. Metten Recorder (Fitzwilliam)
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.				
P. M.	DOWN.	UP.		P. M.	DOWN.	UP.	P. M.	
			0	7	58 00	8	32 20	
			100	8	02 30			
			1200	8	07 00	8	27 00	
			300					
			400					
			500					
			600					
			700					
			800					
			900					
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			3900					
			4000					
			4100					
			4200					
			4300					
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			4600					
			4700					
			4800					
			4900					

Dredge } No. 5-306 Date, Oct. 26, 1908
Hydrog.

Sdg. Mch. Lucas Reel Lucas Shot, 35 lbs.

Turns 170 Cor'n — Depth 170 fms.

Sdg. Cup Ligbee Amt. Bot'm Sample Small amt.

Character of Bottom Co. S.

Thermom. { Make N.Y. Instr. -13
No. 105013 Cor'n Stem. -47

Bottom Reading 52° Cor'd Temp. 51.4

Temp. Surf. { 50° Time 8:20 Air { 80°
50° Time 8:55 79½

Density: Surf. not taken fms. 1.02489

Wind: Direction N.N.E. Force 3-4

Baromet. 29.86 Amt. of Clouds 3 State of Sea 2

Weather fc.

Direction and Force { Surface
of Current. Bottom

Tide

General Locality China Sea, near Protasid
20° 5' S. 116° 40' E.

Position

Chart used: No. H.O. 798 Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used 12' Tanner, 2 running
weights, 1 tail weight, 2 glass
floats. (Not slightly torn)

Time towing h. 20 min.

Remarks: Water bottle used.

Deck Officer Mr. Cassidy Recorder C. H. Delong

11-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
A M.	DOWN.	UP.	A M.		A M.	DOWN.	UP.	A M.
8	05	25	8	12	15	0	8	18
8	06	35	8	11	20	100	8	22
8	09	00	8	10	30	170	8	29
						239	8	30
						300	8	32
						400	8	34
						500	8	34
						600	8	34
						700	8	34
						800	8	34
						900	8	34
						1000	8	34
						1100	8	34
						1200	8	34
						1300	8	34
						1400	8	34
						1500	8	34
						1600	8	34
						1700	8	34
						1800	8	34
						1900	8	34
						2000	8	34
						2100	8	34
						2200	8	34
						2300	8	34
						2400	x	Stopped lowering not for several min to clear elec. wire on boom
						2500		
						2600		
						2700		
						2800		
						2900		
						3000		
						3100		
						3200		
						3300		
						3400		
						3500		
						3600		
						3700		
						3800		
						3900		
						4000		
						4100		
						4200		
						4300		
						4400		
						4500		
						4600		
						4700		
						4800		
						4900		

Dredge } No. 5-307 Date, Oct 26, 1905
Hydros.

Sdg. Mch. Liseas Reel Lucas Shot
Turns 186 Cor'n Depth 186 fms.

Sdg. Cup Ligache Amt. Bot'm Sample trace

Character of Bottom Glob.

Thermom. { Make N.G. Instr. - 1/3
No. 108013 Cor'n { Stem. - 1.47

Bottom Reading 52.8 Cor'd Temp. 51.6

Temp. Surf. { 80° Time 11⁰⁴ Air { 80°
80° Time 11³⁵ 80°^{1/2}

Density: Surf. 1.02434 fms. 1.02370

Wind: Direction N.E. Force 3

Baromet. 29.86 Amt. of Clouds 8 State of Sea 28

Weather sea.

Direction and Force of Current. { Surface
Bottom

Tide

General Locality Near Pratas Id., China Sea
21° 08' N.; 116° 45' E.

Position

Chart used: No. 798 H.O. Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used As before, except net mended.

Time towing h. 20 m.

Remarks: Water bottle used.

Deck Officer Mr Cassidy Recorder Chidlong
11-1023

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. Down.	Up.	M.	M.	Up.	M.
10	32	0			
10	32	100	/	56	0
10	32	200	/	56	30
10	32	300	10	59	50
10	32	400	//	02	80
10	32	500	11	04	10
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
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		4900			

Dredge No. 3 Date, July 19, 19

Sdg. Mch. Reel Shot} 3 lbs.

Turns 62 Cor'n Depth 62 fms.

Sdg. Cup Amt. Bot'm Sample 6200

Character of Bottom

Thermom. { Make Instr.
No. Cor'n Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 77 Time 6:40 a.m. Air } 77
76 Time 7:05 a.m. 77

Density: Surf. 1.02461 fms.

Wind: Direction N.E. Force 4

Baromet. 30.04 Amt. of Clouds 7 State of Sea 5

Weather bcy

Direction and Force of Current. { Surface
Bottom

Tide

General Locality

Position 1° 5' S. - 115° 12' E.

Chart used: No. 79816 Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used /

1. Dredge

2. Line

3. Weight

4. Line

5. Weight

6. Line

7. Weight

8. Line

9. Weight

10. Line

11. Weight

12. Line

13. Weight

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287. Weight

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292. Line

293. Weight

294. Line

295. Weight

296. Line

297. Weight

298. Line

299. Weight

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.	M. DOWN.	UP.	M.
6	25	12	6	38	7
		0		38	2
		100		81	3
		200		42	4
		300		57	5
		400			6
		500			7
		600			8
		700			9
		800			10
		900			11
		1000			12
		1100			13
		1200			14
		1300			15
		1400			16
		1500			17
		1600			18
		1700			19
		1800			20
		1900			21
		2000			22
		2100			23
		2200			24
		2300			25
		2400			26
		2500			27
		2600			28
		2700			29
		2800			30
		2900			31
		3000			32
		3100			33
		3200			34
		3300			35
		3400			36
		3500			37
		3600			38
		3700			39
		3800			40
		3900			41
		4000			42
		4100			43
		4200			44
		4300			45
		4400			46
		4500			47
		4600			48
		4700			49
		4800			
		4900			

Dredge No. 512 Date, Nov. 19, 18

Sdg. Mch. T.N Reel Shot lbs.

Turns 62 Cor'n Depth 62 fms.

Sdg. Cup Amt. Bot'm Sample t.

Character of Bottom Silt gr. St

Thermom. Make N.B. Instr. 03
No. 108013 Cor'n Stem. 0.0

Bottom Reading 73.6° C. Cor'd Temp. 73.3

Temp. Surf. { 79° Time 8:35 a.m. } Air { 78°
79° Time 8:50 a.m. } 79°

Density: Surf. 1.024 fms. No 410

Wind: Direction S.E. Force

Baromet. 70.06 Amt. of Clouds State of Sea

Weather

Direction and Force { Surface
of Current. } Bottom

Tide

General Locality C. N. W. Lat. 32°

Position 21° 53' S. - 115° 5' E.

Chart used: No. A.O. 794 Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used Dredge, Trawl, Net, etc.,

Time towing h. 25 m.

Remarks: (No. 1)

(No. 2)

(No. 3)

Deck Officer Mr. V. H. Recorder C. J. S. 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.			
M.	DOWN.	UP.	M.	M.	DOWN.	UP.	M.
8	18	30	8	21	50	8	15
5	19	30	8	19	45	62	100
				200	8	31	40
				300		40	8
				400			
				500			
				600			
				700			
				800			
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				4700			
				4800			
				4900			

Dredge No. 35-210 Date, 1, 1911

Hydrog. Sdg. Mel. T. N. Reel Short Leads lbs.

Turns 102 Cor'n - 2 Depth 100 fms.

Sdg. Cup + 0' Amt. Bot'm Sample 100 lbs.

Character of Bottom S. Sh.

Thermom. { Make 241 Cor'n { Instr. 241
No. 108212 Stem. 255

Bottom Reading 66° Cor'd Temp. 65.5

Temp. Surf. { 80° Time 12⁴⁰ Air { 80°
80° Time 1¹⁵ 80½

Density: Surf. not taken fms. 1000

Wind: Direction E X N. Force 2

Baromet. 29.96 Amt. of Clouds 2 State of Sea

Weather Sc

Direction and Force { Surface
of Current. Bottom

Tide ...

General Locality Near Proctor Isl., Cimico Sea
21° 35' N; 116° 13 E.

Position

Chart used: No. 792 1/2 C. Edn

Drift: Direction — Distance

Depth of Haul 12' T. N.

Apparatus and Rig used 12' T. N. 2 Grm

Time towing h. 19² m.

Remarks: ...

Deck Officer J. W. C. Recorder J. W. C. (11-402)

163-1

Dredge No. 5 C. 11 Date, Nov. 1, 1905

Bottom, T. S. 11' Reel T. L. Shot Lead 35 lbs.

Turns 90 Cor'n - 1 Depth 88 fms.

Sdg. Cup 11' - heat Int. Bol'm Sample of 11' 11"

Character of Bottom rocky, sh. 5

Thermom. Marks 0° & 10° Cor'n Instr.
No. 1100 used Cor'n Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. 82° Time 1 55' Air 67°
55° Time 1 55' 51°

Density: Surf. Not checked fms.

Wind: Direction E.N.E. Force 2

Buromet. 27 Amt. of Clouds State of Sea

Weather 100%

Direction and Force Surface
of Current. Bottom

Tide

General Locality Bear Islands, Alaska.
Lat 21° 38' N., Long 116° 15' E.

Position

Chart used: No. 79 H. G. Ed'n

Drift: Direction — Distance —

Depth of Haul 10 fms.

Apparatus and Rig used 10 fms. 3 buoys

10 fms. 1 dredge 3 buoys

Time towing 1 h. 10 m.

Remarks: Dredging taken out by dredge and

Deck Officer Recorder

SOUNDING WIRE.

FMS.

DREDGING CABLE.

P	M. DOWN.	UP.	F	M.	P	M. DOWN.	UP.	P	M.		
1	51	30	1	6-5-10	0	1	32	20	2	65	3
1	52	20	1	5-2-30	100	1	86	20	2	61	1
					160	1	39	15	1	5-8	4-8
					200						
					300						
					400						
					500						
					600						
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					4200						
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					4600						
					4700						
					4800						
					4900						

Dredge } No. 5312 Date, , 19
Hydrog.
 Sdg. Mech. fished Reel Shot Leads lbs.
 Turns Cor'n Depth fms.
 Sdg. Cup Leesbury Amt. Bot'm Sample 203 fms.
 Character of Bottom m.
 Thermom. { Make H21 Cor'n { Instr. - 20
 No. 1 112 Stem. - 38
 Bottom Reading 58.1 Cor'd Temp. 57.5
 Temp. Surf. { 50° Time 14' 15 P } Air { 80°
 52° Time 5 } i
 Density: Surf. 1.02461 fms. 1.02482
 Wind: Direction ENE Force 3
 Baromet. Amt. of Clouds 2 State of Sea
 Weather

*Direction and Force
of Current.* { *Surface*
 Bottom

Tide . . .

General Locality Chaco Lcd

Position 2 / $\sim 5 \times 10^{-3} \text{ m}^2$

Chart used: No. 798 Ed'n

Drift: Direction _____ *Distance* _____

Depth of Haul

Apparatus and Rig used - see figure

..... Time towing h. 17 m.

Remarks: *Chlorophytus* is a small
annual or biennial of the Malvaceae.
M. bigelevensis is a slender annual
affiliated with *Cynometra*.

Deck Officer

Recyclable

SOUNDING WIRE

FMS.

DREDGING CABLE

M. DOWN. | UP. | M.

M. DOWN. | UP. | M.

0

4

100

17 30

200

21

300

23 30

400

4 27 00

500

4

600

23

700

30

800

30

900

30

1000

30

1100

30

1200

30

1300

30

1400

30

1500

30

1600

30

1700

30

1800

30

1900

30

2000

30

2100

30

2200

30

2300

30

2400

30

2500

30

2600

30

2700

30

2800

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2900

30

3000

30

3100

30

3200

30

3300

30

3400

30

3500

30

3600

30

3700

30

3800

30

3900

30

4000

30

4100

30

4200

30

4300

30

4400

30

4500

30

4600

30

4700

30

4800

30

4900

30

Dredge } No. 11 Date, Nov. 19, 1911
Hydrog. }
Sdg. Mch. } Reel Shot } 5 lbs.
Turns Cor'n Depth 15 fms.
Sdg. Cup Amt. Bot'm Sample 50
Character of Bottom 1 See.
Thermom. { Make -115
No. 105045 Cor'n { Instr. -115
Cor'd Stem. -43
Bottom Reading 54. Cor'd Temp. 53.6
Temp. Surf. { 85 Time 1000 } Air 77
80 Time 1000 } 77
Density: Surf. 1.02461 fms. 1.02573
Wind: Direction East Force 3
Baromet. 30.0 Amt. of Clouds 9 State of Sea S
Weather

Direction and Force of Current. { Surface
of Current. Bottom

Tide

General Locality

Position 50° N. -

Chart used: No. 798 H.D. Ed'n

Drift: Direction — Distance —

Depth of Haul 10 fms.

Apparatus and Rig used

Time towing h. m.
Remarks: 11.14.11

Observations

Deck Officer Recorder

11-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
P	M. DOWN.	UP.	P	M.	P	M. DOWN.	UP.	P M.
6	18	20	6	24	20	0	12	27
	19	20		23	10	100		12 06
6	19	40	6	21		150	37	07
						300		
						400		
						500		
						600		
						700		
						800		
						900		
						1000		
						1100		
						1200		
						1300		
						1400		
						1500		
						1600		
						1700		
						1800		
						1900		
						2000		
						2100		
						2200		
						2300		
						2400		
						2500		
						2600		
						2700		
						2800		
						2900		
						3000		
						3100		
						3200		
						3300		
						3400		
						3500		
						3600		
						3700		
						3800		
						3900		
						4000		
						4100		
						4200		
						4300		
						4400		
						4500		
						4600		
						4700		
						4800		
						4900		

Dredge } No. Date, Nov 19
 Hydrog. }
 Sdg. Mch. Reel Shot Lead lbs.
 Turns Cor'n Depth fms.
 Sdg. Cup Amt. Bot'm Sample
 Character of Bottom S & Kn SL

Thermom.	Make NB	Cor'n	Instr. 20
	No. 1		Stem. -31
Bottom Reading		Cor'd Temp. 59.5°	
Temp. Surf.	7°	Time 6:15 a.m.	78°
	9°	Time 6:15 a.m.	Air
Density: Surf.	1.02461	fms.	1.02526
Wind: Direction	E N E	Force	2-3
Baromet.	30.02	Amt. of Clouds	7
Weather	overcast	State of Sea	

Direction and Force of Current. Surface
 of Current. Bottom

Tide

General Locality China
New Britain Id.

Position 21° 47' N. Lat. 147° 45' E. Long.

Chart used: No. 174 Ed'n

Drift: Direction Distance

Depth of Haul 20 fms.

Apparatus and Rig used

Rollo Time towing ~ h. m.

Remarks

Deck Officer

Recorder

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
M. DOWN.	UP.	M.	M.	UP.
6	14	0	18	18
6	14	50	00	00
6	14	106	55	55
6	14	15	20	20
		250	6	45
		300	20	20
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

Dredge } No. M. 21 d. Date, Sept 5, 1923
Hydrog. }
Sdg. Mch. Lucas Reel 10 fms. Shot } 35 lbs.
Turns 148 Cor'n — Depth 148 fms.
Sdg. Cup 10 fms Amt. Bot'm Sample very fine
Character of Bottom $\frac{1}{2}$ silt
Thermom. { Make N.Z. Instr. 13' Cor'n { Stem. -41
No. 108013 Time 9:11' Air 71° F
Bottom Reading 55° Time 9:17' S. 81° F
Temp. Surf. { 79° Density: Surf. 1.02500 fms. 1.02506
Baromet. 29.89 Amt. of Clouds 8 State of Sea
Wind: Direction E. Force 2
Weather $\frac{1}{2}$ cloud

Direction and Force of Current. { Surface
Bottom

Tide

General Locality China Sea

Position $21^{\circ} 40' N.$ $116^{\circ} 58' E$

Chart used: No. H-0, 798 Ed'n

Drift: Direction Distance

Depth of Haul bottom Twp

Apparatus and Rig used 12' ~~line~~, 2 trimming weights, 1 trawl incis. 3 gill nets, 1 anchor.

Time towing h. 17 $\frac{1}{2}$ m.

Remarks: Water is too weak

SOUNDING WIRE.

M. Down. | Up. a. M.

FMS.

DREDGING CABLE.

a. M. Down. Up. a. M.

5 19 45	S 24 00	0	5 30 00	9 14 00
5 20 45	E 23 25	100	6 03 00	9 08 00
5 21 37	S 22 45 14	200	7 37 30	7 00 30
		300	8 41 00	7 00 20
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
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		3500		
		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

Dredge } No 53.16 Date, Dec 20. 5- , 1908
Hydrog. }
Sdg. Mech. Lucas Reel Lucas Shot } 35 lbs.
Turns 1.5 fms Cor'n — Depth 15' fms.
Sdg. Cup - Lig. & C. Amt. Bot'm Sample or no. 11
Character of Bottom Dr. sh.
Thermom. { Make N.Y. Instr. -15
No. 10 & 13 Cor'n { Stem. -43
Bottom Reading 54° Cor'd Temp. 53.4
Temp. Surf. { 80° Time 10 56 Air { 82°
80° Time 11 26 82°
Density: Surf. 1.02481 fms. ✓ 1.02577
Wind: Direction E.N.E. Force 2
Baromet. 29.88 Amt. of Clouds 2 State of Sea
Weather Partly cloudy

Direction and Force of Current { Surface
Bottom

Tide

General Locality Colima - sea

Position 21° 39' N. 117° 37' W.

Chart used: No. 798 H.O. Ed'n

Drift: Direction — Distance —

Depth of Haul 10 fms

Apparatus and Rig used 12' Tamm, 3 lines of
wire, 1 tail weight, 1 metal
bag, 3 glass floats

Time towing — h. 2 5/2 m.

Remarks: Weather fair, visibility good.

Find Bay Tamm

Deck Officer T.M. Recorder. L.H. — 11-1025

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.	M.	M.	UP.	M.
10	36° 28' 11	46° 30'	0	10	36° 28' 11	37° 00'
10	36° 13' 10	45° 15'	100	10	36° 28' 11	32° 00'
10	37° 20'	10 33' 25° 15'	200	10	36° 28' 11	28° 00'
			300	10	35° 30' 33'	25° 05'
			400	10	35° 30' 33'	23° 10'
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
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			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge No. 1 Date, May 5, 19.
Sdg. Mch. Reel Shot Lbs.
Turns Cor'n Depth 230 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom S
Thermom. { Make N Instr. -13
{ No. 108013 Stem. -48
Bottom Reading 51.3 Cor'd Temp. 50.6°
Temp. Surf. { 80° Time 2:15 P Air 82°
{ 80° Time 2:15 P Air 82°
Density: Surf. 1.02474 fms. 2.4
Wind: Direction East Force 2
Baromet. 29.96 Amt. of Clouds State of Sea
Weather B.C.

Direction and Force of Current { Surface
of Current { Bottom

Tide

General Locality

Position 21° 56' N 117° 22' E

Chart used: No. 798 H.O. Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used

Time towing h. 20 m.

Remarks:

Deck Officer Recorder 11-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
M.	DOWN.	UP.	P.	M.	M.	M.	UP.	M.
2	2	2	68	0	2	1220		
03	10	09	15	100	17	00	3	03
04				200				
2	04	30	2	05	40	230	26	00
				300			55	
				400	23	00	2	51
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
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				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

Dredge } No. 11 Date, 31. 1. 1903
Hydrog. }

Sdg. Mch. — Reel — Shot
Turns 340 Cor'n — Depth 240 fms.

Sdg. Cup Siphon Amt. Bot'm Sample (not full)
Character of Bottom S. on C.

Thermom. { Make — Cor'n { Instr.
No. 12° — Stem.

Bottom Reading 79° Cor'd Temp. —

Temp. Surf. { 79° Time 6:15 P.M. Air
70° Time 6:15 P.M.

Density: Surf. not taken fms. spec. grav.

Wind: Direction East Force 3

Baromet. 29. 9 Amt. of Clouds 3 State of Sea

Weather

Direction and Force { Surface
of Current. Bottom

Tide

General Locality China Seas

Position

Chart used: No. 11 Ed'n Jan '07

Drift: Direction — Distance —

Depth of Haul Bottom

Apparatus and Rig used Ac Bait

Time towing — h. 6 m.

Remarks: Found bottom very rocky, broken shells, coral, etc. Diff. wind: submarine fresh water current. — Bridge staying carried away. Found some gaps wide open; nothing lost.

Deck Officer Wm. H. Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
00	00		0	5	68	00
00	50		100	11	46	601
01	45		200	15	15	557
02	40		300	19	25	5300
03	20		400	23	30	37910
		340	500	26	30	34
			600	29	34	340
			650	31	30	537
			700	5	31	40
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5214 Date, July 15, 19

Sdg. Mch. — Reel — Shot Lead — lbs.

Turns — Cor'n — Depth — fms.

Sdg. Cup — Amt. Bot'm Sample —

Character of Bottom —

Thermom. { Make Cor'n { Instr. —
No. — Stem. —

Bottom Reading — Cor'd Temp. —

Temp. Surf. { 79° Time 7:20 A.M. } Air { 79°
79° Time 7:50 A.M. }

Density: Surf. 1.021 fms.

Wind: Direction East Force 2-3

Baromet. 29.98 Amt. of Clouds 5 State of Sea 8

Weather Very

Direction and Force { Surface —
of Current. Bottom —

Tide —

General Locality China Seas

Position 11° 15' N. Lat. 117° 50' E. Long.

Chart used: No. 5111 View Ed'n Jan 07

Drift: Direction — Distance —

Depth of Haul 10 fms.

Apparatus and Rig used 10' Dredge - Anti

Surf. Towing

Time towing — h. 27 m.

Remarks: S. 1000 ft. depth, no bottom, no fish.

Bottom, sand, no fish.

Deck Officer W.C. Coffey Recorder —

SOUNDING WIRE.

M. Down. | UP. M.

FMS.

DREDGING CABLE.

M. Down. | UP. M.

0

1400

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Hydrog. No. Date, , 19 . . .

Sdg. Mch. Reel Shot, 35 lbs.

Turns 689 Cor'n — Depth 689 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make H. 3. (2) Cor'n { Instr. Stem.

Bottom Reading — Cor'd Temp. 79

Temp. Surf. { 78 Time } Air { 79
Time

Density: Surf. fms.

Wind: Direction E. N. E. Force 2

Baromet. 29.99 Amt. of Clouds 8 State of Sea 2

Weather

Direction and Force { Surface
of Current. Bottom

Tide

General Locality

Position 31° 16' 11" E. 31° 16' S.

Chart used: No. 0. 4265 Ed'n Dec 1907

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: 1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

Deck Officer Recorder

SOUNDING WIRE.

M.	DOWN.	UP.	M.
12	02	26	
12	03	35	
12	04	50	
12	06	00	
12	07	-	
12	08	20	
12	09	35	
12	10	50	12 23 00

FMS.

DREDGING CABLE.

M.	DOWN.	UP.	M.
0			
100			
200			
300			
400			
500			
600			
689	700		
800			
900			
1000			
1100			
1200			
1300			
1400			
1500			
1600			
1700			
1800			
1900			
2000			
2100			
2200			
2300			
2400			
2500			
2600			
2700			
2800			
2900			
3000			
3100			
3200			
3300			
3400			
3500			
3600			
3700			
3800			
3900			
4000			
4100			
4200			
4300			
4400			
4500			
4600			
4700			
4800			
4900			

Dredge No. 21 Date, 11. 19
Hydrog. Sdg. Mech. Reel Shot
Turns 14.98 Cor'n Depth 1498 fms.
Sdg. Cup Amt. Bot'm Sample Load
Character of Bottom
Thermom. { Make Cor'n { Instr.
No. 25 Cor'n { Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. { 70 Time 11:00 { Air
Time
Density: Surf. fms.
Wind: Direction East Force 2
Baromet. Ant. of Clouds State of Sea
Weather
Direction and Force { Surface
of Current. Bottom

Tide

General Locality C. Vicksburg.

Position 31° 17' N 90° 11' W

Chart used: No. 11 Ed'n 900 67.

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

carried away while hauling in
600 ft.

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M.	DOWN.	UP.	FMS.	M.
08	20	94 fms lost	0	
10	00	4	100	
11	40		200	
15	25	49 20	300	
15	05	48 15	400	
16	50		500	
18	-	46	600	
20	00		700	
21	30		800	
		48 20	900	
24	20	42 10	1000	
25	40	41 00	1100	
27	00	38 45	1200	
28	40	37 30	1300	
30	00	36 30	1400	
			1500	
			1600	
			1700	
			1800	
			1900	
			2000	
			2100	
			2200	
			2300	
			2400	
			2500	
			2600	
			2700	
			2800	
			2900	
			3000	
			3100	
			3200	
			3300	
			3400	
			3500	
			3600	
			3700	
			3800	
			3900	
			4000	
			4100	
			4200	
			4300	
			4400	
			4500	
			4600	
			4700	
			4800	
			4900	

Dredged in Hydrog. No. 1191 Date, 19

Sdg. Mch. Reel Shot Lead lbs.

Turns 1758 Cor'n - Depth 1758 fms.

Sdg. Cup Sinker Amt. Bot'm Sample

Character of Bottom Sft. Br. Tp.

Thermom. { Make none used Cor'n { Instr. Stem.
No.

Bottom Reading Cor'd Temp.

Temp. Surf. { 80° Time } Air
Time

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force { Surface
of Current. Bottom

Tide

General Locality Sinking Son.
21° N 119° E

Position

Chart used: No. CS 4200 Ed'n Jan. '07

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Experiments at Sonder.

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.	M.	M.	UP.	M.
9	57	10	38 00	0		
	53 00		37 15	100		
			37	200		
	55 30	35 00		300		
	56 40	34 05		400		
	57 45	33 00		500		
10	57 10	32 00		600		
	50 25	31 00		700		
	01 40	29 85		800		
	02 55	28 10		900		
	04 10	27 00		1000		
	05 30	25 30		1100		
	06 15	24 00		1200		
	08 05	22 40		1300		
	10 10	21 00		1400		
11	30	20 00		1500		
	12 40	18 30		1600		
	14 15	17 15		1700		
15	15 05	16 25	128	1800-		
				1900		
				2000		
				2100		
				2200		
				2300		
				2400		
				2500		
				2600		
				2700		
				2800		
				2900		
				3000		
				3100		
				3200		
				3300		
				3400		
				3500		
				3600		
				3700		
				3800		
				3900		
				4000		
				4100		
				4200		
				4300		
				4400		
				4500		
				4600		
				4700		
				4800		
				4900		

spline at 55 fms.

spline at 1065 fms.

{ 2128 fms. Sdg. wire
coupled line

Dredge No. 520 Date, 1904
 Hydrog. No. 1000 Reel Shot
Leads lbs.
 Sdg. Mch. - Cor'n - Depth 180 fms.
 Turns 1815 Cor'n - 11 fms.
 Sdg. Cup - Amt. Bot'm Sample /
 Character of Bottom
 Thermom. { Make N.Y. Instr. - 033
No. 10562 Stem. - .745
 Bottom Reading 27 Cor'd Temp. 36.2
 Temp. Surf. { 60° Time 2 5-2 } Air 80°
Time 8
 Density: Surf. 1.02574 fms. 1.52574
 Wind: Direction N.W.E. Force 2
 Baromet. 30.0 Amt. of Clouds / State of Sea
 Weather *Sc.*

*Direction and Force
of Current.* { Surface _____
Bottom _____

Tides

General Locality

$26^{\circ} - 28^{\prime} 44.$ $39^{\circ} 13' 5^{\circ}$

Position

Chart used: No. 12, 1st Series, 2nd Edition.

Drift: Direction _____ *Distance* _____

Depth of Hunt

Apparatus and Rig used

Time towing^g h. m.

Remarks: *See* *Fig.* *1*, *Part* *1*.

10. The following table shows the number of hours worked by each employee.

10. The following table shows the number of hours worked by each employee in a company.

10. The following table shows the number of hours worked by each employee.

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
M.	Down.	Up.	M.		M.	Down.	Up.	M.
1	3 40	2 04 0		0	2 48 20	16 00		
1	35 20	2 03 05		100	2 53 30	103 30		
1	35	2 42 20		200				
1	38 10	2 41 25		300	3 01 30	3 56 50		
		2 43 15		400				
1	40 00	2 39 30		500	3 08 20	3 48 30		
1	42 10	2 38 30		600	3 11 20	3 46 10		
1	43 40	2 37 40		700	3 14 30	3 41 20		
1	45 20	2 36 50		800	3 17	3 38 50		
1	47 00	2 35 45		900				
X	47 45			930	1000			
X	2 04 10	2 34 45		1000	1100			
X	2 05 35	2 33 20		1100	1200			
X	2 07 00	2 32 30		1200	1300			
X	2 08 25	2 31 30		1300	1400			
X	2 09 15			1345	1500			
	2 15 30	2 30 25		14	1600			
	2 17 05	2 29 25		1500	1700			
	2 18 40	2 28 25		1600	1800			
X	2 20 10	2 27 20		1700	1900			
X	2 21 15			1760	2000			
	2 24 00	2 26 20		1800	1900			
	2 24 30	2 25 60		18N	2200			
				2300				
O			11	2400				
in sounding.				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

Dredges } No. 6176 Date, 11/11/19
Hydrog. }
Sdg. Mch. Reel Sdgd. Shot } 35 lbs.
Turns Cor'n Depth 1220 fms.
Sdg. Cup Dm. Bar Amt. Bot'm Sample
Character of Bottom soft mud
Thermom. { Make 72° of Instr. - .03
{ No. 10832 Stem. - .74
Bottom Reading. 37.3 Cor'd. Temp. 36.4
Temp. Surf. { 80 Time } 70
{ Time Jir }
Density: Surf. fms.
Wind: Direction East Force 2-3
Baromet. Amt. of Clouds State of Sea
Weather

Direction and Force of Current { Surface
of Current { Bottom

Tide

General Locality
26° 46' N, 120° 52' E.

Position

Chart used: No. C.S. 4200 Ed'n. 5

Drift: Direction — ✓ Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: 6:30 The vessel in ground

Deck Officer Recorder 11-1025

Hydrographer } No. 49-19 Date, Nov. 9, 19
Hydrog. }
Sdg. Mech. T. V. Reel Sheet Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup ? Amt. Bot'm Sample fms.

Character of Bottom ?

Thermom. { Make Instr. —
{ No. 1 Cor'n Stem. —

Bottom Reading — Cor'd Temp. —

Temp. Surf. { Time — { Air —
{ Time

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current. { Surface
{ Bottom

Tide — 1.35

General Locality — 47° W. 33° S. 83%

Position 26° 14' - 15' S. 111° 57' E.

Chart used: No. 4710 C. Ed'n July 15

Drift: Direction Distance

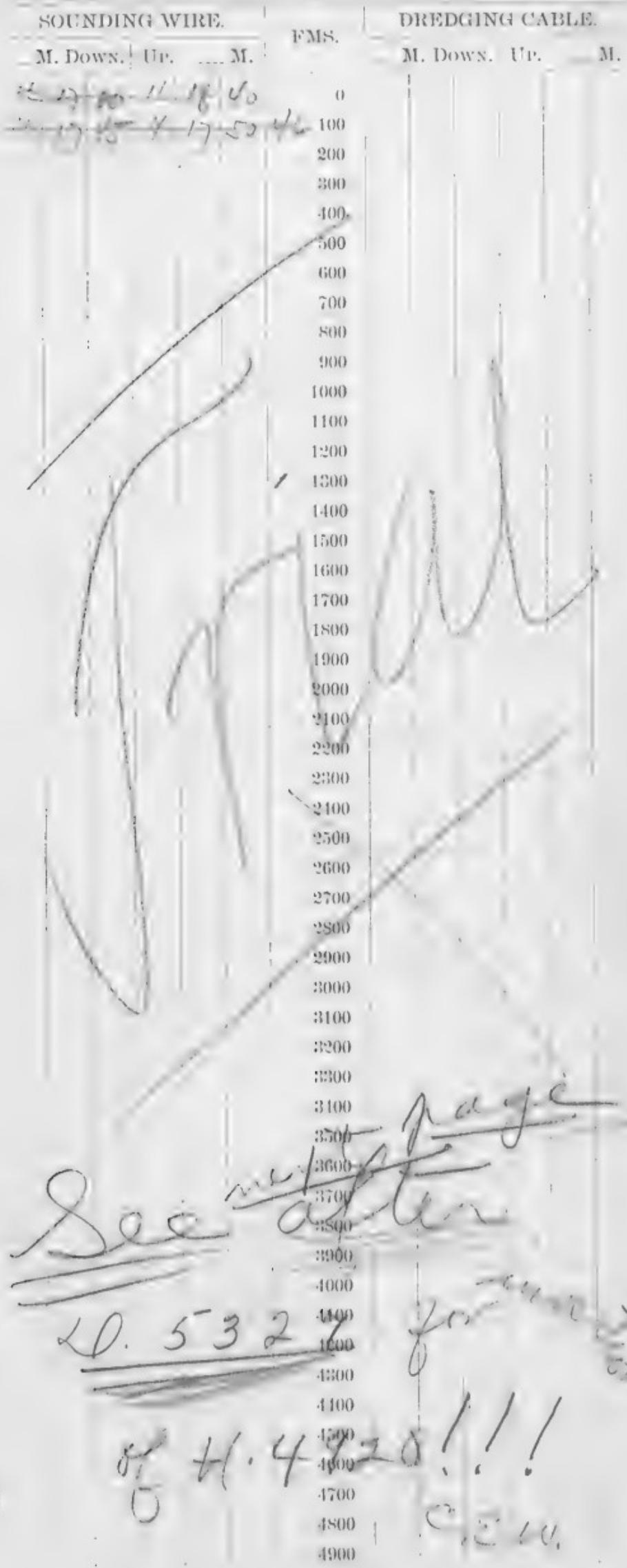
Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder Date
11-1023



Dredge } No. 5221 Date, Nov. 19
Hydrog. }
Sdg. Mch. } Reel } Shot }
Turns 26 Cor'n — Depth 26 lbs.
Sdg. Cup } Amt. Bot'm Sample
Character of Bottom Sand

Thermom. { Make } none used Cor'n { Instr. —
No. — Stem. —

Bottom Reading Cor'd Temp.
Temp. Surf. { 61° Time 11:15 a.m. Air } 61°
21° Time 11:20 a.m. Air }

Density: Surf. fms. None

Wind: Direction East Force 2-3
Baromet. 30.15 Amt. of Clouds 8 State of Sea

Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position 20° 11' S. 121° 51' E.

Chart used: No. 4810 Ed'n July 05

Drift: Direction N Distance 2.2 miles

Depth of Haul Bottom

Apparatus and Rig used

Time towing — h. m.

Remarks: Dredge bottomed at 26 fms.
Dredge stuck at 26 fms.

Deck Officer W. T. [unclear] Recorder [unclear]

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
721	55"	2320	0	11	1022	30
722	30"	2233	100	11	1220	30
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 522 Date, Nov. 5, 1919
 Hydrog. }
 Sdg. Mts. Reel Leads 14 lbs.
 Turns 7 Cor'n - Depth 20 fms.
 Sdg. Cup - Amt. Bot'm Sample Nt. B.
 Character of Bottom - M.S., b.s. & sh.
 Thermom. { Make T Cor'n { Instr.
 No. 7 Stem -
 Bottom Reading 7 Cor'd Temp. -
 Temp. Surf. { 81° Time 11:41 a.m. Air { 82°
 81° Time 11:52 a.m. Air 82°
 Density: Surf. None fms. None
 Wind: Direction ESE Force 2-3
 Baromet. 30.15 Amt. of Clouds 8 State of Sea
 Weather fair

Direction and Force of Current { Surface
 of Current { Bottom

Tide

1.93 mi.

General Locality

Say 10.10.1 S. 40° + 10.10.1 S. 22°

Position 20° 19' 36" N 120° 27' 15" W

Chart used: No. 6763 Ed'n 1:125,000

Drift: Direction N Distance

Depth of Haul 10 fms.

Apparatus and Rig used

Time towing - h. 00 m.

Remarks:

Deck Officer J. F. R. Recorder J. F. R.
 11-4023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.	M.	M.	UP.	M.
			0	11	40	30
			55	100	11	52
			200		42	10
			300		15	10
			400		51	00
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
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			4800			
			4900			

Dredge No. 2 Date, Nov. 19
Hydrog. Reel Shot
Sdg. Mech. 100 ft. Head lbs.

Turns 30 Cor'n 7 Depth 50 fms.

Sdg. Cup 100 ft. Amt. Bot'm Sample

Character of Bottom

Thermom. { Maker A. Cor'n { Instr. -20
No. 1080222 Stem. -44

Bottom Reading 47 Cor'd Temp. 58.4

Temp. Surf. { Time 1 47° Air { 51°
82° Time 2 33 Air 81°

Density: Surf. 1.02558 fms. none

Wind: Direction ENE Force 3

Baromet. 29.7 Amt. of Clouds State of Sea

Weather Slight

Direction and Force { Surface
of Current. Bottom

Tide 2 Aug. 21 (8 Eas) No 30' W - 1/2 mi.

General Locality 26° 10' N. Lat. 70° 30' E.

Position 26° 10' N. Lat. 70° 30' E.

Chart used: No. 100 Ed'n 9

Drift: Direction 70° 20' Distance 2 mi.

Depth of Haul bottom

Apparatus and Rig used

Time towing h. 2 min.

Remarks: No fish found

SOUNDING WIRE.			FMS.	DREDGING CABLE.			
M.	Down.	Up.	M.	M.	Down.	Up.	M.
1	35	10	14400	0	1	1	
1	36	20	14300	100	1	1	2
1	37	30	14155	200	1	1	2
1	38	-	14028	300	1	59	40
1	39	20	14020	400	2	03	16
			303	500	2	06	19
				600	2	07	23
				700	2	11	31
				800			
				900			
				1000			
				1100			
				1200			
				1300			
				1400			
				1500			
				1600			
				1700			
				1800			
				1900			
				2000			
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				4700			
				4800			
				4900			

Dredge No. 5324 Date, Nov. 9, 19

Hydrog. Sdg. Mch. Reel Shot lbs.

Turns 4' Cor'n 11 Depth 6' fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make 07
No. 102523 Cor'n { Instr. 07
Stem. 71

Bottom Reading 44.2° Cor'd Temp. 40.9°

Temp. Surf. { 82° Time 2:40 P.M. Air { 62°
81° Time 5:40 P.M. 71°

Density: Surf. 1.02523 fms. 1.02533

Wind: Direction E. N.E. Force 2

Baromet. 29.98 Amt. of Clouds 9 State of Sea

Weather

Direction and Force of Current { Surface
Bottom

Tide High at (Stand) N 15° E., 10.5 min.

General Locality

Position 30° 12' N 121° 47' E.

Chart used: No. C.S. 4710 Ed'n July 05.

Drift: Direction — Distance —

Depth of Haul 10 fms.

Apparatus and Rig used 12 ft. 2 m. 200 ft. 60 m.

Time towing h. 1/2 m.

Remarks: Water bottom sand

Mr. H. T. T. 11:00 A.M.

Deck Officer Mr. H. T. T. Recorder 11-1023

SOUNDING WIRE.					FMS.	DREDGING CABLE.				
M.	DOWN.	UP.	M.			M.	DOWN.	UP.	M.	
3	02	45	3	24	50	0	3	25	40	4
3	03	40	3	23	45	100	3	3	53	58
3	04	40	7	23	00	200	3	3	53	58
3	05	45	3	22	15	300	3	3	53	58
			3			400	3			
3	09	20	3	20	30	500	3	4		
3	18	50	3	19	50	673 600	3	40	237	200
						700	3			
						800	3			
						900	3			
						1000	3	3		
						1100	4	11	57	200
						1200	04	40	21	30
						1300	07	77	17	30
						1400	4	1000	11	30
						1500				
						1600				
						1700				
						1800				
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						4900				

Dredge No. 525 Date, 11.11.1911

Sdg. Mch. T. W. C. Reel Shot } 35 lbs.

Turns 224 Cor'n Depth 224 fms.

Sdg. Cup Sinker Amt. Bot'm Sample

Character of Bottom 92% NT

Thermom. { Make 17 Instr. -15
No. 108022 Stem. -53

Bottom Reading 53.9° Cor'd Temp. 53.2

Temp. Surf. { 82° Time 10:56 a.m. } Air { 81°
Time

Density: Surf. 1.02491 fms. 1.02525

Wind: Direction N.E. Force 3

Baromet. 29.92 Amt. of Clouds 5 State of Sea 3

Weather

Direction and Force { Surface
of Current. Bottom

Tide -16.75 m.

General Locality

Position 18° 39' S. 171° 15' E. (51° 15' N. 123° 45' E.)

Chart used: No. 2. 471 Ed'n 7. Aug '07

Drift: Direction S. 30° E. Distance 1 mile

Depth of Haul

Apparatus and Rig used

Time towing - h. 19 m.

Remarks: 77.5 m. 30° S. 171° 15' E.

Deck Officer Recorder

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
M.	DOWN.	UP.	M.		M.	DOWN.	UP.	M.
0				0	1	56	00	" 17
42	50	47	10	100	11	00	00	44 15
40		46	00	200		05	25	11 15
44	30	45	20	300	07	20	37	" "
				400	11	45	34	40
				450	11	13	20	11 32 00
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
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				4800				
				4900				

Dredge } No. 2 Date, Sept. 19
Hydrog. }
Sdg. Mch. 1000 Reel Thrown Shot } 30 lbs.
Turns 30 Cor'n _____ Depth 250 fms.
Sdg. Cup _____ Amt. Bot'm Sample _____
Character of Bottom _____

Thermom. { Make N.Y. Instr. 17
No. 128422 Stem. 47
Bottom Reading _____ Cor'd Temp. 55.4
Temp. Surf. { Time _____ Air _____
Surf. 51 Time / _____ Air / _____
Density: Surf. 1.02437 fms. 1.02496
Wind: Direction N.W.E. Force 2
Baromet. Amt. of Clouds 2 State of Sea
Weather *fair*

Direction and Force { Surface
of Current. Bottom

Tide

8:00 m.

General Locality

(W) $N 31^{\circ} W$

Position $40^{\circ} 2' S$, $172^{\circ} 25' E$

Chart used: No. 171 Ed'n May 1900

Drift: Direction S. E. Distance 1000

Depth of Haul 20 fms.

Apparatus and Rig used

1 tail weight, 3 plumb

Time towing h. 20 m.

Remarks:

Deck Officer Mr. Cassidy Recorder C. B. S.

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
M.	DOWN.	UP.	M.		M.	UP.	M.	
12	56 30	1 04 03		0	1 08 20	2	35	
	57	02 40		100	1 12 20	2 02 10		
	58 15	1 01 30		200	1 16 00	1 58 08		
12	59 45	1 00 55	230	300	1 19 55	1 47 15		
				400	1 23 45	1		
				500	1 27 30	1 47 15		
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
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				4800				
				4900				

Dredge } No. 1527 Date, Jan 19, 1903
Hydrog. }

Sdg. Mch. Reel Shot } Lead lbs.

Turns 198 Cor'n Depth 178 fms.

Sdg. Cup Piz. Sec Amt. Bot'm Sample

Character of Bottom soft M; few S.

Thermom. { Make N.G. Cor'n { Instr.
No. 1 Stem.

Bottom Reading 70° Cor'd Temp.

Temp. Surf. { Time 81° Time 3:05 Air { 81°

Density: Surf. 1.02434 fms. 1.02468

Wind: Direction N.E. Force 2

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force { Surface
of Current. Bottom

Tide

General Locality 5 fms. min. 6.8 min.

Puerto Pt. Palau Id, S. 78° E., Hrs. 03 50

Position 18° 31' - 30' N 122° 0' - 50'

Chart used: No. 4711 C. Se. Rad'n 7.07' 07.

Drift: Direction — Distance —

Depth of Haul 5 fms.

Apparatus and Rig used 12' Tammere, 2 swivs.

Moorings, forward drag Time towing h. 20 m.

Remarks:

300 fathoms

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
P.M.	DOWN.	UP.	P.M.		P.M.	DOWN.	UP.	P.M.
2	13	10	2	19	10	0	2	23
2	14	20	2	17	45	100	2	27
2	15	30	2	16	30	198	2	30
						300	3	33
						400	3	37
						500	3	39
						600		
						700		
						800		
						900		
						1000		
						1100		
						1200		
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						4800		
						4900		

Brigadier No. 1192 Date, / , 19

Sdg. Mch. / Reel Shot Leads lbs.

Turns 46 Cor'n Depth 46 fms.

Sdg. Cup ? Amt. Bot'm Sample ?

Character of Bottom ?

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Time } Air }

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force { Surface
of Current. Bottom

Tide 1.25 m.

General Locality

Position

Chart used: No. C. 4715 Ed'n 9 1/2 5

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

M. DOWN. UP. M.

FMS.

DREDGING CABLE.

M. DOWN. UP. M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

H. 4919C. 100

Dredge } No. 223 Date, 19
 Hydrog. }
 Sdg. Mch. Reel Shot } lbs.
 Turns Cor'n Depth fms.
 Sdg. Cup Amt. Bot'm Sample
 Character of Bottom
 Thermom. { Make 11 Instr. - 15
 No. 1 Stem. - 45
 Bottom Reading Cor'd. Temp. 53.9
 Temp. Surf. { 79° Time 9:30 A.M. Air { 78°
 78° Time 10:30 A.M. Air { 78°
 Density: Surf. 1.02464 fms. 1.02513.
 Wind: Direction N E Force 3
 Baromet. 30.00 Amt. of Clouds 6 State of Sea
 Weather Breeze
 Direction and Force of Current { Surface
 of Current Bottom
 Tide N 79° E, 28.4 mi.
 General Locality C. I.
 Position / 27° 15' - 17° 1'
 Chart used: No. 47115 Ed'n
 Drift: Direction N 52 W Distance 1.2
 Depth of Haul bottom
 Apparatus and Rig used
 Time towing h. m.
 Remarks: Water full
 -
 Deck Officer Recorder
 11-1025

SOUNDING WIRE.

M. DOWN.	UP.	M.
----------	-----	----

FMS.

DREDGING CABLE.

M. DOWN.	UP.	M.
----------	-----	----

0	7 15	30
100	21 10	13 20
200	28 15	07 20
300	42 30	05 30
400	44 10	04 04
500		
600		
700		
800		
900		
1000		
1100		
1200		
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4200		
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4900		

Dredge No. 532 Date, Jan. 19
Hydrog. Sdg. Mech. Reel Shot Lead lbs.
Turns Cor'n Depth fms.
Sdg. Cup 12' Amt. Bot'm Sample 2' 10' fms.
Character of Bottom Blue sand
Thermom. Make D.R. Instr. -13
No. 12 Cor'n Stem. -48
Bottom Reading 52 Cor'd Temp. 51.4
Temp. Surf. 78° Time 11.10 a.m. Air 79°
Baromet. Amt. of Clouds 7 State of Sea
Weather very

Direction and Force of Current Surface
Bottom

Tide

General Locality

Lat. 2° N.

Position Long. 121° 37' 30"

Chart used: No. 4711 Edn. 07

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder 11-1023

11-1023

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.	M. DOWN.	UP.	M.
1000		0	11	11	0
2000		100	11	12	00
3000		200	10	10	00
4000		2300	18	20	10
5000		400	21	20	00
6000		500	11	23	00
		600	25	20	11
			700		
			800		
			900		
			1000		
			1100		
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			4800		
			4900		

Dredge No. 732 Date, July 19, 1908

Sdg. Mch. Seco Reel Shot} lbs.

Turns 178 Cor'n Depth 178 fms.

Sdg. Cup Siphon Amt. Bot'm Sample 3.

Character of Bottom Dr. St.

Thermom. { Make N.B. Instr. 13
No. 102022 Cor'n { Stem. 45

Bottom Reading 53.4

Temp. Surf. { 78° Time 1:33 p.m. } Air { 76°
78° Time 2:00 p.m. } 76°

Density: Surf. 1.02516 fms. 1.02523

Wind: Direction NE Force 3

Baromet. 28.02 Amt. of Clouds ? State of Sea

Weather

Direction and Force { Surface
of Current. Bottom

Tide 93.3 mi.

General Locality Off Virgin Islands.

Position 18°33'30"S - 121°03'15"E

Chart used: No. C.S. 4711 Ed'n - May 01.

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used

Time towing - h. 2.0 m.

Remarks: Current to W. experienced.

Consequently the

Deck Officer W. J. Pitt Recorder G. E. G.

11-1023

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. | Up. (A. M.)

M. Down. | Up. (A. M.)

100	11	20	0	117	27	12	50
100	12	20	100	21	30	07	10
1100	12	15	200	25	17	02	35
			300	27	50	59	30
			400	33	40	55	40
			1700	32	45	52	40
			600				
			700				
			800				
			900				
			1000				
			1100				
			1200				
			1300				
			1400				
			1500				
			1600				
			1700				
			1800				
			1900				
			2000				
			2100				
			2200				
			2300				
			2400				
			2500				
			2600				
			2700				
			2800				
			2900				
			3000				
			3100				
			3200				
			3300				
			3400				
			3500				
			3600				
			3700				
			3800				
			3900				
			4000				
			4100				
			4200				
			4300				
			4400				
			4500				
			4600				
			4700				
			4800				
			4900				

Dredge } No. 2 Date, 7.2.1913
Hydrog }

Sdg. Mch. 2 Reel Shot
Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample 2 fms.

Character of Bottom Dr. Sh. M

Thermom. { Make Hg. Instr. -15
{ No. 46822 Cor'n Stem. -46

Bottom Reading Cor'd Temp. 54.7

Temp. Surf. { 80° Time 8.29 } Air 55
{ Time 8.29 } Water 55

Density: Surf. 1.0242 fms. 1.024

Wind: Direction Variable Force 0-1

Baromet. 30.00 Amt. of Clouds 1 State of Sea 8

Weather

Direction and Force { Surface
of Current. } Bottom

Tide

7.3 m.

General Locality

Position 15° 3' S. 135° 45' E. 1000 fms.

Chart used: No. 472 C.S. Edn 8/18/04

Drift: Direction S 49° E Distance 2

Depth of Haut 10 fms.

Apparatus and Rig used 12 3 t.

Fleats, mud bag

Time towing h. 20 m.

Remarks:

SOUNDING WIRE.

M. DOWN, | UP. | M.

FMS.

DREDGING CABLE.

M. DOWN. | UP. | M.

10 30 5 14 43

8 | 11 | 20 | 8 | 13 | 50 | 100

16 | 12 | 10 | 8 | 13 | 10 | 178

0

8 | 20 | 30 |

8 | 24 | 45 | 9 | 16 | 30

8 | 28 | 50 | 9 | 18 | 30

300

5 | 31 | 50 | 9 | 19 | 30

400

8 | 34 | 55 | 9 | 20 | 30

500

8 | 39 | 65 | 9 | 22 | 30

600

5 | 43 | 70 | 9 | 24 | 30

700

6 | 47 | 75 | 9 | 26 | 30

800

7 | 51 | 80 | 9 | 28 | 30

900

8 | 55 | 85 | 9 | 30 | 30

1000

9 | 58 | 90 | 9 | 32 | 30

1100

10 | 61 | 95 | 9 | 34 | 30

1200

11 | 64 | 100 | 9 | 36 | 30

1300

12 | 67 | 105 | 9 | 38 | 30

1400

13 | 70 | 110 | 9 | 40 | 30

1500

14 | 73 | 115 | 9 | 42 | 30

1600

15 | 76 | 120 | 9 | 44 | 30

1700

16 | 79 | 125 | 9 | 46 | 30

1800

17 | 82 | 130 | 9 | 48 | 30

1900

18 | 85 | 135 | 9 | 50 | 30

2000

19 | 88 | 140 | 9 | 52 | 30

2100

20 | 91 | 145 | 9 | 54 | 30

2200

21 | 94 | 150 | 9 | 56 | 30

2300

22 | 97 | 155 | 9 | 58 | 30

2400

23 | 100 | 160 | 9 | 60 | 30

2500

24 | 103 | 165 | 9 | 62 | 30

2600

25 | 106 | 170 | 9 | 64 | 30

2700

26 | 109 | 175 | 9 | 66 | 30

2800

27 | 112 | 180 | 9 | 68 | 30

2900

28 | 115 | 185 | 9 | 70 | 30

3000

29 | 118 | 190 | 9 | 72 | 30

3100

30 | 121 | 195 | 9 | 74 | 30

3200

31 | 124 | 200 | 9 | 76 | 30

3300

32 | 127 | 205 | 9 | 78 | 30

3400

33 | 130 | 210 | 9 | 80 | 30

3500

34 | 133 | 215 | 9 | 82 | 30

3600

35 | 136 | 220 | 9 | 84 | 30

3700

36 | 139 | 225 | 9 | 86 | 30

3800

37 | 142 | 230 | 9 | 88 | 30

3900

38 | 145 | 235 | 9 | 90 | 30

4000

39 | 148 | 240 | 9 | 92 | 30

4100

40 | 151 | 245 | 9 | 94 | 30

4200

41 | 154 | 250 | 9 | 96 | 30

4300

42 | 157 | 255 | 9 | 98 | 30

4400

43 | 160 | 260 | 9 | 100 | 30

4500

44 | 163 | 265 | 9 | 102 | 30

4600

45 | 166 | 270 | 9 | 104 | 30

4700

46 | 169 | 275 | 9 | 106 | 30

4800

47 | 172 | 280 | 9 | 108 | 30

4900

48 | 175 | 285 | 9 | 110 | 30

To hereFath.

1300 feet & beneath

Dredge No. 1332 Date, Dec 12 1912
Hydrog. Reel Shot
Sdg. Mch. Cor'n Lead lbs.
Turns Cor'n Depth 745 fms.
Sdg. Cup Amt. Bot'm Sample T
Character of Bottom
Thermom. { Make 73 Cor'n { Instr. 1
No. 108022 Stem
Bottom Reading 39° Cor'd Temp.
Temp. Surf. { 81° Time 11.00 a.m. Air
81° Time 11.00 a.m. Air
Density: Surf. 1.02345 Bottom fms. 1.02548
Wind: Direction variable Force 2
Baromet. 30.00 Amt. of Clouds 4 State of Sea S
Weather Very

Direction and Force { Surface
of Current. Bottom

Tide

General Locality

Latitude 10° 26' N. Longitude 90° 55' E.

Position 10° 26' N. 90° 55' E.

Chart used: No. CS 4714 Rd'n.

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used As before

Time towing — h. 2.5 m.

Remarks: (a) 100 fms. (b) 100 fms.

Deck Officer Mr. Recorder 11-1023

SOUNDING WIRE.

M. Down. | Up. M.

FMS.

DREDGING CABLE.

M. Down. Up. Z. M.

0	/	10	/	20	/	30
100	/	10	/	20	/	30
200	/	10	/	20	/	30
300	/	10	/	20	/	30
400	/	10	/	20	/	30
500	/	10	/	20	/	30
600	/	10	/	20	/	30
700	/	10	/	20	/	30
800	/	10	/	20	/	30
900						
1000						
1100						
1200						
1300						
1400						
1500						
1600						
1700						
1800						
1900						
2000	//	5	3	18	10	
2100						
2200						
2300						
2400						
2500						
2600						
2700						
2800						
2900						
3000						
3100						
3200						
3300						
3400						
3500						
3600						
3700						
3800						
3900						
4000						
4100						
4200						
4300						
4400						
4500						
4600						
4700						
4800						
4900						

Dynamite Hydrog. No. 554 Date Dec. 10, 1919
Sdg. Mech. Lines Reel Shot Length 35 lbs.
Turns 584 Cor'n — Depth 584 fms.
Sdg. Cup Distance Amt. Bot'm Sample
Character of Bottom Sand, Gravel, S.
Thermom. { Make 100° Cor'n Instr.
No. 100° Cor'n Stem.
Bottom Reading 52° Cor'd Temp. 52°
Temp. Surf. { 52° Time 52° Air
Time —
Density: Surf. 1.024 fms. 1.025 35
Wind: Direction — Force —
Baromet. — Amt. of Clouds — State of Sea —
Weather —

Direction and Force of Current { Surface
of Current Bottom

Tide —

General Locality —

Position 10° N. Lat. 135° E. Long.

Chart used: No. CS 4711 Ed'n —

Drift: Direction X Distance X

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Dredge hauls up sand bottom, bottom very hard, took out 100 lbs of sand, sand fine, no shells, no fish, no birds, no life.

Deck Officer Recorder

SOUNDING WIRE.

M. DOWN.	UP.	M.
62	52	62
52	52	52
30	32	45
45	45	45
48	54	55
49	53	55
50	52	50

FMS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

DREDGING CABLE.

M. DOWN.	UP.	M.
62	52	62
52	52	52
30	32	45
45	45	45
48	54	55
49	53	55
50	52	50

M. DOWN.	UP.	M.
62	52	62
52	52	52
30	32	45
45	45	45
48	54	55
49	53	55
50	52	50

Dredge No. 537 Date, 19

Sdg. Mch. Reel Shot Leads lbs.

Turns 110 Cor'n Depth 312 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make N.Y. Instr. 4
No. 108022 Cor'n { Stem

Bottom Reading 73.6 Cor'd. Temp. 73.6

Temp. Surf. { 80° Time 9:10 a.m. Air { 73.6

Density: Surf. fms. 1.0250

Wind: Direction Force 1

Baromet. Amt. of Clouds State of Sea

Weather S. E.

Direction and Force { Surface
of Current. { Bottom

Tide

General Locality

Lat. 30° 5' S. Long. 125° 20' E.

Position 125° 20' E. 30° 5' S.

Chart used: No. 12 Ed'n

Drift: Direction X Distance 7

Depth of Haul

Apparatus and Rig used 12

Sheet & Trawl

Time towing h. 25 m.

Remarks:

2 10 min. towed away
3 10 min. of 12 mi.
10

Deck Officer

Recorder

SOUNDING WIRE.

M. DOWN. | UP. | M.

7|37|25|7|53|10

FMS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

DREDGING CABLE.

M. DOWN. | UP. | M.

7|34|00|9|01|20

8|00|58|00|00

8|00|54|30|00

8|03|10|57|44

8|06|30|46|30

8|09|20|43|00

8|10|00|27|00

8|26|30|8|36|30

Dredge No. 524 Date, Jan 19
Hydrographer Reel Shot Lead Ibs.
Sdg. Mch. Cor'n Depth fms.
Turns Cor'n Depth fms.
Sdg. Cup Int. Bot'm Sample
Character of Bottom Gravel

Thermom. { Make 14
No. 16574 Cor'n { Instr.
{ Stem.

Bottom Reading 44.1 Cor'd Temp. 43.2

Temp. Surf. { Time 75°
{ Time 77° C. { Air 75°

* Density: Surf. 1.0238 fms.

Wind: Direction NW Force 1

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force { Surface
of Current. { Bottom

Tide

General Locality East of S. J. Is., Andaman Islands
Position 12° 5' N. 92° 14' E.
Chart used: No. CS 4714 Edn. -

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used As before

Time towing h. b. m.

Remarks: At 10:02, the net was raised
on deck. It contained a lot of sand
flour, 2 lobsters, 1 fish, 1
mudskipper & several small

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
11 25 7	15		0	9	12 27	27
11 30	25 30		100	34 30	12 02	30
12 45	24 30		200	14 30	5 15	30
13 50	23 30		300	13 30	4 15	30
13 50	22 45		400	12 30	3 15	30
14 50	21 45		500	11 30	2 15	30
15 1	19 45		600	5 15	1 15	30
9 18 30	9 19 30	6 12 700		5 30	11 27	27
			800	57 10	56 35	
			900	10 00 30	51 45	
			1000	03 50	47 00	
			1100	67 10	47	
			1200	10 40	36 30	
			1300	13 45	31 30	
			1400	10 17 00	10 23 30	
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge No. 525 Date, 18 Dec., 1905
Hydrog. Sdg. Mch. T. T. Reel 53' Shot Leads 20 lbs.
Turns 46 Cor'n — Depth 46 fms.
Sdg. Cup armful Sample trace
Character of Bottom soft

Thermom. { Make N3 Instr. —
{ No. 122222 Cor'n { Stem. —
Bottom Reading X Cor'd Temp. A
Temp. Surf. { 50° Time 12:00 P.M. { Air { 50°
{ 51° Time 12:00 P.M. { C. °
Density: Surf. — fms.
Wind: Direction ENE Force 6
Baromet. 29.9 Amt. of Clouds — State of Sea —
Weather C

Direction and Force of Current { Surface
of Current { Bottom

Tide —

General Locality

Position 84° 08' S. Lat. 17° 08' E.

Chart used: No. 4716 S. Ed'n.

Drift: Direction 7 Distance 7

Depth of Haul Bottom

Apparatus and Rigs used

1 tail wt., mudbag

Remarks:

Comments: Found bottom to be soft mud. Slight drift to the west.

Deck Officer

Recorder

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
M. DOWN.	UP.	M.	M. DOWN.	UP.
122125	122305	0	122425	122510
122127	122229	400	122425	122510
		2000	2000	
		3000	3000	
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

Dredge No. 5226 Date, 18 - 1900
Hydrog. f.

Sdg. Mch. Reel Shot Lead lbs.
Turns Cor'n Depth fms.
Sdg. Cup Amt. Bot'm Sample t.
Character of Bottom

Thermom. { Make Cor'n { Instr.
No. } none used Stem.
} -

Bottom Reading Cor'd Temp.

Temp. Surf. { 81° Time 1:26 P.M. } 82.5°
81° Time 1:32 P.M. } Air 82.5°

Density: Surf. fms.

Wind: Direction ENE Force 5

Baromet. 30.88 Amt. of Clouds 1 State of Sea

Weather

Direction and Force { Surface
of Current. Bottom }

Tide

General Locality China Acc.

Position 11° 45' N. 120° 30' E.

Chart used: No. 4716 C.S. Ed'n.

Drift: Direction N. Distance 1.5

Depth of Haul 10 fms.

Apparatus and Rig used As before

Time towing 7 h. 7 m.

Remarks: Dredged bottom, sand, silt, and some weathered rock. Found no fish or marine life. Team work 20 min. 15-60 sec. end up 15

Deck Officer W.C. Recorder J.W. D.V.
11-1023

SOUNDING WIRE.

M. DOWN. | UP. | M.

FMS.

DREDGING CABLE.

M. DOWN. | UP. | M.

1500	1725	0	1820	14200
1530	1740	400	1850	13300
		2000	2000	
		3000	2500	
		4000		
		5000		
		6000		
		7000		
		8000		
		9000		
		10000		
		11000		
		12000		
		13000		
		14000		
		15000		
		16000		
		17000		
		18000		
		19000		
		20000		
		21000		
		22000		
		23000		
		24000		
		25000		
		26000		
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		29000		
		30000		
		31000		
		32000		
		33000		
		34000		
		35000		
		36000		
		37000		
		38000		
		39000		
		40000		
		41000		
		42000		
		43000		
		44000		
		45000		
		46000		
		47000		
		48000		
		49000		

Dredge No. 5 Date, June 2, 1906

Hydrog. Sdg. Mech. Reel Shot
Lead lbs.

Turns 12 Cor'n — Depth 1 fms.

Sdg. Cup To bottom Amt. Bot'm Sample

Character of Bottom ss. S. ;

Thermom. { Make 21°C Cor'n { Instr.
No. used Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52° Time 7:27 { Air { 51°
Time

Density: Surf. 1.027 fms.

Wind: Direction N Force 2+

Baromet. 29.73 Amt. of Clouds 5 State of Sea

Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position 3 15 N 100 E

Chart used: No. C.S. 4716 Ed'n

Drift: Direction 80 Distance 1.0

Depth of Haul

Apparatus and Rig used 9' Tad

Weight, Net

Time towing h. m.

Remarks:

Deck Officer Recorder

Dredge } No. 5 Date, 19
Laptron }
Sdg. Mch. Reel Shot lbs.
Turns 45 Cor'n Depth 45 fms.
Sdg. Cup Amt. Bot'm Sample 30
Character of Bottom Cor'n
Thermom. { Make Instr.
No. Stem
Bottom Reading 10 Cor'd Temp.
Temp. Surf. { 80° Time 8:10 Air 81°
80° Time 8:40
Density: Surf. fms.
Wind: Direction East Force 2
Baromet. 955 Amt. of Clouds 9 State of Sea
Weather N.W.
Direction and Force of Current { Surface
Bottom

Tide

General Locality

W

SQ

Position 45

30

Chart used: No. 19 Ed'n

✓ Drift: Direction N 70 W Distance 1.3

Depth of Haul bottom

Apparatus and Rig used an oegore

Time towing h. m.

Remarks:

Deck Officer /

Recorder

SOUNDING WIRE.

M. Down. | UP. | M.

8 03 10 05 10
10 03 00 04 10

FMS.

DREDGING CABLE.

M. Down. | UP. | M.

M. Down.	UP.	M.
0		8 1/2
100		7 1/2
200		7 1/2
300		
400		
500		
600		
700		
800		
900		
1000		
1100		
1200		
1300		
1400		
1500		
1600		
1700		
1800		
1900		
2000		
2100		
2200		
2300		
2400		
2500		
2600		
2700		
2800		
2900		
3000		
3100		
3200		
3300		
3400		
3500		
3600		
3700		
3800		
3900		
4000		
4100		
4200		
4300		
4400		
4500		
4600		
4700		
4800		
4900		

Journal No. 4722 Date, 19

Sdg. Mech. Tarnell Reel 5 Leads 5 lbs.

Turns 2 Cor'n Depth 2 fms.

Sdg. Cup Armada Amt. Bot'm Sample 1 m.

Character of Bottom coral sand & sh.

Thermom. { Make Instr. Cor'n { Stem.

No. 1025 Time 1955

Bottom Reading Cor'd Temp.

Temp. Surf. { Time } Air { Time }

Density: Surf. fms.

Wind: Direction N.E. Force 7

Baromet. 29.95 Amt. of Clouds 1 State of Sea 0

Weather fog

Direction and Force { Surface
of Current. Bottom

Tide

General Locality

Position 26° 11' S. 133° 30' E. 874 fms.

Chart used: No. 4716 C.S. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer

Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.	M.	M.	UP.	M.
10	01	00	10	01	50	0
10	02	00	10	02	50	100
						200
						300
						400
						500
						600
						700
						800
						900
						1000
						1100
						1200
						1300
						1400
						1500
						1600
						1700
						1800
						1900
						2000
						2100
						2200
						2300
						2400
						2500
						2600
						2700
						2800
						2900
						3000
						3100
						3200
						3300
						3400
						3500
						3600
						3700
						3800
						3900
						4000
						4100
						4200
						4300
						4400
						4500
						4600
						4700
						4800
						4900

Dredge } No. 5379 Date, Oct 21, 1900
Hydrog. }
Sdg. Mch. Reel Shot Lead tbs.
✓ Turns 52 Cor'n Depth 52 fms.
Sdg. Cup Amt. Bot'm Sample /
Character of Bottom
Thermom. { Make D. T. H. Cor'n { Instr.
No. 1000 Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. { 81° Time 10:35 A.M. Air { 83°
81° Time 11:15 Air /
Density: Surf. 1.02406 fms.
Wind: Direction N.E. Force 2-3
Baromet. Amt. of Clouds 8 State of Sea S
Weather Very

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Kapitanoa Is. W. S. 17° 6' N. 81° 15'
Position // 21 40 119

Chart used: No. 44 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Trailing weight 100 lb. on chain 250 ft.

Time towing h. 20 m.

Remarks:

H. S. Koford at the side during

Deck Officer

Recorder

SOUNDING WIRE.

M. Down. | Up. | M.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

0	10	36	10	11	10	00
100			47	5		
200			7	2		
300						
400						
500						
600						
700						
800						
900						
1000						
1100						
1200						
1300						
1400						
1500						
1600						
1700						
1800						
1900						
2000						
2100						
2200						
2300						
2400						
2500						
2600						
2700						
2800						
2900						
3000						
3100						
3200						
3300						
3400						
3500						
3600						
3700						
3800						
3900						
4000						
4100						
4200						
4300						
4400						
4500						
4600						
4700						
4800						
4900						

Dredge No. 5 Date, Oct 22, 1917
Hydrog. Sdg. Mch. Reel Shot Lead lbs.
Turns Cor'n Depth 19-24 fms.
Sdg. Cup Int. Bot'm Sample
Character of Bottom (W)
Thermom. { Make Cor'n Instr.
No. N Stem.
Bottom Reading 50° Cor'd Temp.
Temp. Surf. { 80° Time 8:14 a.m. } Air { 81°
80° Time 8:35 a.m. } 81°
Density: Surf. fms.
Wind: Direction N.E. Force 2
Baromet. 29.96 Amt. of Clouds ? State of Sea C
Weather Fog.

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position 55° 10' N 140° 10' W

Chart used: No. 4349 Ed'n -

Drift: Direction N 30° W Distance 4 m

Depth of Haul 2 fms.

Apparatus and Rig used

Time towing - h. 1.20 m.

Remarks: Dredge up.

During hauling haul

and after it was

in the water

Deck Officer Mr. Hazen

Recorder

11-1023

SOUNDING WIRE

FMS.

DREDGING CABLE

M. DOWN. | UP. | M.

M. DOWN. | UP. | M.

0 8 12 00 | 8 34 00

- 400 8 8

200 21 8

300 24 8 21 35 8 33 00

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. Date, June 28, 1908
Hydrog. }

Sdg. Mch. Hand lines Reel Shot Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom gray mud

Thermom. { Make Cor'n { Instr.
No. Cor'n { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time 1 15
82° Time 2 15 } Air

Density: Surf. fms.

Wind: Direction Force /

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force { Surface
of Current. Bottom

Tide

General Locality

Cape Hatteras

Position 32° 57' N 71° 10' W

Chart used: No. 11 Ed'n

Drift: Direction Distance

Depth of Haul 10 fms

Apparatus and Rig used

Time towing h. m.

Remarks: Hand lines

Deck Officer Recorder

SOUNDING WIRE.

M. Down. | Up. M.

FMS.

DREDGING CABLE.

P.M. Down. | Up. P.M.

0

100-

200-

300-

400-

500-

600-

700-

800-

900-

1000-

1100-

1200-

1300-

1400-

1500-

1600-

1700-

1800-

1900-

2000-

2100-

2200-

2300-

2400-

2500-

2600-

2700-

2800-

2900-

3000-

3100-

3200-

3300-

3400-

3500-

3600-

3700-

3800-

3900-

4000-

4100-

4200-

4300-

4400-

4500-

4600-

4700-

4800-

4900-

Dredge No. 1 Date, 19

Sdg. Mech. Reel Shot lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample No. T.

Character of Bottom

Thermom. Make 1000 Cor'n Instr. Cor'd Temp.

No.

Cor'n Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. 55° Time 2 55° Air 52½°

82°

Time 2 45°

82 ½°

Density: Surf. fms.

Wind: Direction Various Force 1-2

Baromet. 30.00 Amt. of Clouds 9 State of Sea

Weather

Direction and Force of Current Surface

Bottom

Tide

General Locality

Position 46° 11' N. 116° 11' E.

Chart used: No. 4 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used 9' Tammes, 2

Lead weight

100

Time towing h. 1/2 m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

M. Down. | Up. M.

FMS. DREDGING CABLE.

M. Down. Up. M.

	0	2	22	30	2.	47	40
70	100	2	26	15			
85	200	2	34	30	2	44	00
	300						
	400						
	500						
	600						
	700						
	800						
	900						
	1000						
	1100						
	1200						
	1300						
	1400						
	1500						
	1600						
	1700						
	1800						
	1900						
	2000						
	2100						
	2200						
	2300						
	2400						
	2500						
	2600						
	2700						
	2800						
	2900						
	3000						
	3100						
	3200						
	3300						
	3400						
	3500						
	3600						
	3700						
	3800						
	3900						
	4000						
	4100						
	4200						
	4300						
	4400						
	4500						
	4600						
	4700						
	4800						
	4900						

55-55

Dredge No. 243 Date, Nov. 26, 19

Hydrog. Sdg. Mech. Name MSCO Reel — Shot} — lbs.

Turns — Cor'n — Depth $4\frac{1}{2}$ — 5 fms.

Sdg. Cup — Amt. Bot'm Sample —

Character of Bottom — m

Thermom. { Malconz No. 243 Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 81° Time 7H52 } Air { 80°
Time 12:52 }

Density: Surf. fms.

Wind: Direction Calm Force —

Baromet. 29.8 Amt. of Clouds 8 State of Sea 5

Weather bcf

Direction and Force of Current. { Surface Bottom

Tide

General Locality }

Position 10° 51' S 157° 11' E 24°

Chart used: No. 4349 Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used

Time towing h. 15 m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

M. DOWN. | UP. — M.

FMS.

DREDGING CABLE.

M. DOWN. | UP. — M.

7 44 55 7 43 20
7 46 50 8 01 50

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

51-36 + 75-18+

Dredge } No. 5 Date, 1st Aug 19
Hydrog. } Reel Shot
Sdg. Mch. } Lead lbs.
Turns Cor'n Depth 5½ fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.
Temp. Surf. { 81° Time 8:20 A.M. { Air { 81°
81° Time 8:50 A.M.

Density: Surf. fms.

Wind: Direction C Force

Baromet. 29.90 Amt. of Clouds 7 State of Sea

Weather 0°C

Direction and Force { Surface
of Current. Bottom

Tide

General Locality N.E. Atlantic Ocean Position 35° 45' N. Lat. 58° 40' W.
Position 35° 45' N. Lat. 58° 40' W.

Chart used: No. 4349 Ed'n.

Drift: Direction SSW Distance 7

Depth of Haul 7

Apparatus and Rig used

Time towing h. 26 m.

Remarks:

Deck Officer J. H. [unclear] Recorder J.

SOUNDING WIRE.

M. DOWN. | UP. M.

FMS.

DREDGING CABLE.

M. DOWN. UP. M.

9	8	19	50	49	45
400	8	21	30	8	47
200					
300					
400					
500					
600					
700					
800					
900					
1000					
1100					
1200					
1300					
1400					
1500					
1600					
1700					
1800					
1900					
2000					
2100					
2200					
2300					
2400					
2500					
2600					
2700					
2800					
2900					
3000					
3100					
3200					
3300					
3400					
3500					
3600					
3700					
3800					
3900					
4000					
4100					
4200					
4300					
4400					
4500					
4600					
4700					
4800					
4900					

52-36

Dredge } No. 5345 Date, Dec 26, 1908
Hydro }
Sdg. Mch. haul 605 Reel — Shot }
Turns — Cor'n — Depth 7 fms.
Sdg. Cup Amt. Bot'm Sample

Character of Bottom m

Thermom. { Make — Cor'n { Instr. —
No. — Stem.

Bottom Reading — Cor'd Temp. —

Temp. Surf. { 81° Time 9:15 A.M. } Air { 80°
81° Time 9:45 A.M. } 81

Density: Surf. — fms.

Wind: Direction various Force —

Baromet. 29.91 Amt. of Clouds 7 State of Sea 5

Weather very

Direction and Force of Current. { Surface —
Bottom —

Tide —

General Locality Malampaya Id. Palauwans
Mallarwans 30(mid) N 33 W Peuked 2d(mid)

Position 10-50-00 N - 119-22-08 E 11600

Chart used: No. 4349 Ed'n

Drift: Direction N 47 W Distance .6

Depth of Haul bottom

Apparatus and Rig used 9 Divers 150 cable wt.

2 wing wts, 3 gear bars, tail wt.

Time towing — h. 20 m.

Remarks:

Deck Officer Mr. Rohrige Recorder Roberts
11-1923

SOUNDING WIRE.			FMS.	DREDGING CABLE.			
M. DOWN.	UP.	M.		A.M.	M. DOWN.	UP.	A.M.
			0	9 13 30	9	4400	
			100	9 16 00	9	3600	
			200				
			300				
			400				
			500				
			600				
			700				
			800				
			900				
			1000				
			1100				
			1200				
			1300				
			1400				
			1500				
			1600				
			1700				
			1800				
			1900				
			2000				
			2100				
			2200				
			2300				
			2400				
			2500				
			2600				
42-10			2700				
			2800				
			2900				
			3000				
			3100				
			3200				
			3300				
			3400				
			3500				
			3600				
			3700				
			3800				
			3900				
			4000				
			4100				
			4200				
			4300				
			4400				
			4500				
			4600				
			4700				
			4800				
			4900				

Sphex in wine it.

55
1065